

PK

#5

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/508,932
Source: Per/10
Date Processed by STIC: 6/2/05

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 06/02/2005

PATENT APPLICATION: US/10/508,932

TIME: 08:15:25

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06022005\J508932.raw

```

3 <110> APPLICANT: Medical College of Ohio
4   Willey, James C.
5   Weaver, David A.
6   Warner, Kristy A.
7   Graves, Timothy G.
8   DeMuth, Jeffrey P.
9   Crawford, Erin L.
11 <120> TITLE OF INVENTION: Method and Compositions for the Diagnosis and Treatment of
Non-Small Cell
12   Lung Cancer Using Gene Expression Profiles
14 <130> FILE REFERENCE: 9050
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/508,932
C--> 16 <141> CURRENT FILING DATE: 2004-09-24
16 <160> NUMBER OF SEQ ID NOS: 48
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 21
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 gattcctatg tgggcgacga g                               21
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 21
31 <212> TYPE: DNA
32 <213> ORGANISM: Homo sapiens
34 <400> SEQUENCE: 2
35 gattcctatg tgggcgacga g                               21
38 <210> SEQ ID NO: 3
39 <211> LENGTH: 40
40 <212> TYPE: DNA
41 <213> ORGANISM: Homo sapiens
43 <400> SEQUENCE: 3
44 ccattctttg ctggaagtcc gccagccagg tccagacgca          40
47 <210> SEQ ID NO: 4
48 <211> LENGTH: 22
49 <212> TYPE: DNA
50 <213> ORGANISM: Homo sapiens
52 <400> SEQUENCE: 4
53 cacctgaagg acttcgtgtc ag                               22
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 22
58 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 5

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/508,932

DATE: 06/02/2005

TIME: 08:15:25

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06022005\J508932.raw

```

62 tgggtttacca ggggtactga ct 22
65 <210> SEQ ID NO: 6
66 <211> LENGTH: 44
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 6
71 tgggtttacca ggggtactga ctttggccat gctgtagaaa agac 44
74 <210> SEQ ID NO: 7
75 <211> LENGTH: 24
76 <212> TYPE: DNA
77 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 7
80 gaagcacctt gggaatatca gaaa 24
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 24
85 <212> TYPE: DNA
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 8
89 aggcacacca gttgtctttg tcca 24
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 48
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 9
98 aggcacacca gttgtctttg tccagtacct cttgtaaggc attccaca 48
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 24
103 <212> TYPE: DNA
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 10
107 catctcttat gctgtccagt taac 24
110 <210> SEQ ID NO: 11
111 <211> LENGTH: 24
112 <212> TYPE: DNA
113 <213> ORGANISM: Homo sapiens
115 <400> SEQUENCE: 11
116 gctcttgagg aatgatagag agtt 24
119 <210> SEQ ID NO: 12
120 <211> LENGTH: 47
121 <212> TYPE: DNA
122 <213> ORGANISM: Homo sapiens
124 <400> SEQUENCE: 12
125 gctcttgagg aatgatagag agttggccat ccccgagcgag gacttcc 47
128 <210> SEQ ID NO: 13
129 <211> LENGTH: 22
130 <212> TYPE: DNA
131 <213> ORGANISM: Homo sapiens
133 <220> FEATURE:
134 <221> NAME/KEY: misc_feature

```

RAW SEQUENCE LISTING

DATE: 06/02/2005

PATENT APPLICATION: US/10/508,932

TIME: 08:15:25

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06022005\J508932.raw

```

135 <222> LOCATION: (6)..(6)
136 <223> OTHER INFORMATION: "n" can be any of these four bases: A, G, C, or T
139 <400> SEQUENCE: 13
W--> 140 ggaatnggtg aactgggtga ag 22
143 <210> SEQ ID NO: 14
144 <211> LENGTH: 22
145 <212> TYPE: DNA
146 <213> ORGANISM: Homo sapiens
148 <400> SEQUENCE: 14
149 caaggagtga tttccaaaga gt 22
152 <210> SEQ ID NO: 15
153 <211> LENGTH: 44
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 15
158 caaggagtga tttccaaaga gtcagccagc acctctgtat aggc 44
161 <210> SEQ ID NO: 16
162 <211> LENGTH: 22
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 16
167 agaatacaaaa atcttcacca ct 22
170 <210> SEQ ID NO: 17
171 <211> LENGTH: 22
172 <212> TYPE: DNA
173 <213> ORGANISM: Homo sapiens
175 <400> SEQUENCE: 17
176 ctttcctttt gtctactcca ag 22
179 <210> SEQ ID NO: 18
180 <211> LENGTH: 44
181 <212> TYPE: DNA
182 <213> ORGANISM: Homo sapiens
184 <400> SEQUENCE: 18
185 ctttcctttt gtctactcca agtcagtagc cacttctggg aaag 44
188 <210> SEQ ID NO: 19
189 <211> LENGTH: 19
190 <212> TYPE: DNA
191 <213> ORGANISM: Homo sapiens
193 <400> SEQUENCE: 19
194 ggccttcttc accagctac 19
197 <210> SEQ ID NO: 20
198 <211> LENGTH: 19
199 <212> TYPE: DNA
200 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 20
203 gtagtccgtc ttgcccctg 19
206 <210> SEQ ID NO: 21
207 <211> LENGTH: 38
208 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/508,932

DATE: 06/02/2005

TIME: 08:15:25

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06022005\J508932.raw

```

209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 21
212 gtagtccgtc ttgcccctgt ggaactggtc ccgcaggt      38
215 <210> SEQ ID NO: 22
216 <211> LENGTH: 20
217 <212> TYPE: DNA
218 <213> ORGANISM: Homo sapiens
220 <400> SEQUENCE: 22
221 tcgggggtca ttgttcttcc      20
224 <210> SEQ ID NO: 23
225 <211> LENGTH: 20
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapiens
229 <400> SEQUENCE: 23
230 tcttggctgg tatggtgtgc      20
233 <210> SEQ ID NO: 24
234 <211> LENGTH: 40
235 <212> TYPE: DNA
236 <213> ORGANISM: Homo sapiens
238 <400> SEQUENCE: 24
239 tcttggctgg tatggtgtgc aggtgctaag ggcaacggag      40
242 <210> SEQ ID NO: 25
243 <211> LENGTH: 28
244 <212> TYPE: DNA
245 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 25
248 ctctttcagc atggcgcatt tggatggc      28
251 <210> SEQ ID NO: 26
252 <211> LENGTH: 28
253 <212> TYPE: DNA
254 <213> ORGANISM: Homo sapiens
256 <400> SEQUENCE: 26
257 ctttcaattc cccctgacat ccataaca      28
260 <210> SEQ ID NO: 27
261 <211> LENGTH: 50
262 <212> TYPE: DNA
263 <213> ORGANISM: Homo sapiens
265 <400> SEQUENCE: 27
266 ctttcaattc cccctgacat ccataacagc agacaccaaa gtaagaccac      50
269 <210> SEQ ID NO: 28
270 <211> LENGTH: 20
271 <212> TYPE: DNA
272 <213> ORGANISM: Homo sapiens
274 <400> SEQUENCE: 28
275 catgatcctg aagcagacgt      20
278 <210> SEQ ID NO: 29
279 <211> LENGTH: 20
280 <212> TYPE: DNA
281 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/508,932

DATE: 06/02/2005

TIME: 08:15:25

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06022005\J508932.raw

```

283 <400> SEQUENCE: 29
284 gtgtccagga tgaaggatgt                                20
287 <210> SEQ ID NO: 30
288 <211> LENGTH: 40
289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 30
293 gtgtccagga tgaaggatgt cagtgttggtc ttcttgattc        40
296 <210> SEQ ID NO: 31
297 <211> LENGTH: 40
298 <212> TYPE: DNA
299 <213> ORGANISM: Homo sapiens
301 <400> SEQUENCE: 31
302 gtgtccagga tgaaggatgt cagtgttggtc ttcttgattc        40
305 <210> SEQ ID NO: 32
306 <211> LENGTH: 29
307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 32
311 tgtcggactt ccttttgcttc ttctaattgc                    29
314 <210> SEQ ID NO: 33
315 <211> LENGTH: 53
316 <212> TYPE: DNA
317 <213> ORGANISM: Homo sapiens
319 <400> SEQUENCE: 33
320 tgtcggactt ccttttgcttc ttctaattgct cttcttcaca ataaatttaa gag  53
323 <210> SEQ ID NO: 34
324 <211> LENGTH: 21
325 <212> TYPE: DNA
326 <213> ORGANISM: Homo sapiens
328 <400> SEQUENCE: 34
329 ggctactccc atcccgtgac t                                21
332 <210> SEQ ID NO: 35
333 <211> LENGTH: 21
334 <212> TYPE: DNA
335 <213> ORGANISM: Homo sapiens
337 <400> SEQUENCE: 35
338 tttccctttt ggtcttcttg g                                21
341 <210> SEQ ID NO: 36
342 <211> LENGTH: 42
343 <212> TYPE: DNA
344 <213> ORGANISM: Homo sapiens
346 <400> SEQUENCE: 36
347 tttccctttt ggtcttcttg gtccccctcct cttcatcaga ag      42
350 <210> SEQ ID NO: 37
351 <211> LENGTH: 20
352 <212> TYPE: DNA
353 <213> ORGANISM: Homo sapiens
355 <400> SEQUENCE: 37

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/508,932

DATE: 06/02/2005
TIME: 08:15:26

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\06022005\J508932.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; N Pos. 6

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 11

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/508,932

DATE: 06/02/2005

TIME: 08:15:26

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06022005\J508932.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0